



\* All images in this datasheet are for illustrative purposes only.

## UHD Signage UL3J-M

# LG webOS UHD Signage



Superb Picture Quality  
with Ultra HD Resolution



Sophisticated  
Slim Design



High-performance  
with webOS 6.0



Various Sensor  
Connection



Compatible with  
**LG One:Quick** Share



Compatible with  
AV Control Systems

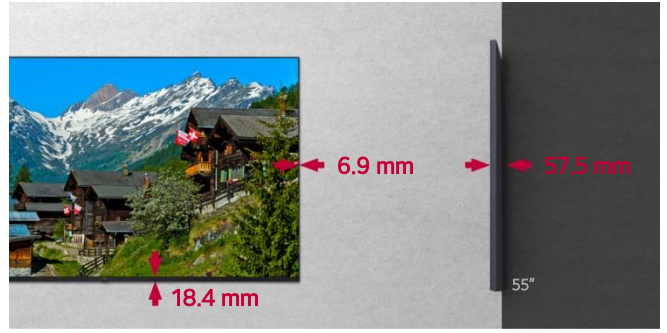
### UL3J-M

Inch	55" / 50" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Operation Time	16 Hours / 7 Days
Brightness	55" / 50" : 400 nits 43" : 300 nits
LG Solution Compatibility	LG One:Quick Share, LG ConnectedCare, LG SuperSign CMS/Control+



## Superb Picture Quality with Ultra HD Resolution

With the resolution of UHD, it makes the color and details of the contents vivid and realistic. In addition, the wide viewing angle provides clear contents.



## Sophisticated Slim Design

This series is thin in bezel size and thickness\*, which saves space and enables easy installation. In addition, it increases the immersive experience from the screen and provides a sophisticated design, improving the décor of the space where the product is installed.

\* Compared to LG's UL3G series



## High-performance with LG webOS 6.0

LG webOS 6.0, upgraded in SoC\* and web engine, is available on UL3J series for a smooth execution of several tasks. LG webOS smart signage platform enhances user convenience with intuitive GUI.\*\*

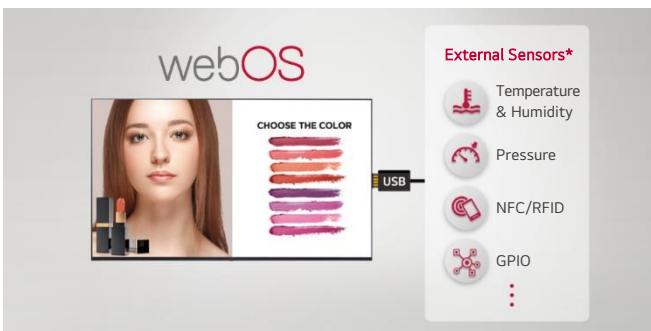
\* SoC : System On Chip  
 \*\* GUI : Graphical User Interface



## Compatible with Video Conference System

For effective visual meeting, the UL3J series supports its compatibility with Cisco solutions that offers powerful and integrated control\* for a smarter video conference.

\* Using an HDMI cable connection (HDMI cable is optional)



## Various Sensor Connection

LG webOS smart signage platform helps to easily provide value-added solutions\* by supporting simple connections with external sensors\*\* such as GPIO, NFC/RFID, temperature sensors, etc., via USB plug-in.

\* e.g. showing specific promotional information according to weather change to store visitors  
 \*\* External sensors need to be purchased separately and tested for compatibility with webOS platform.



## Compatible with AV Control Systems

The UL3J series supports Crestron Connected®\* for high compatibility with professional AV controls to achieve seamless integration and automated control\*\*, boosting business management efficiency.

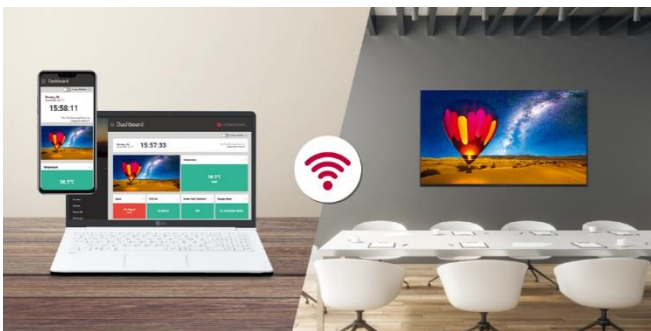
\* Initial setting from display is required for Crestron Connected® compatibility.  
 \*\* Network based control



**LG's Wireless Screen Sharing Solution, LG One:Quick | Share**

LG One:Quick Share is a wireless screen sharing solution available through the UL3J series, USB transmission unit, and its app. You can simply share personal PC screen to the display with it's USB dongle button and embedded Wi-Fi\*, and can adjust the basic setting values (volume, picture mode, auto bright, etc.) of the connected display without a remote control. Also, the Office Meeting Mode\*\* helps you to display the agenda, note before the meeting starts.

\* Users need to set up SoftAP enabled at Network Menu of the Signage.  
 \*\* Users can enable Office Meeting Mode at EZ Setting Menu of the Signage.  
 \*\*\* LG One:Quick Share needs to be purchased separately.

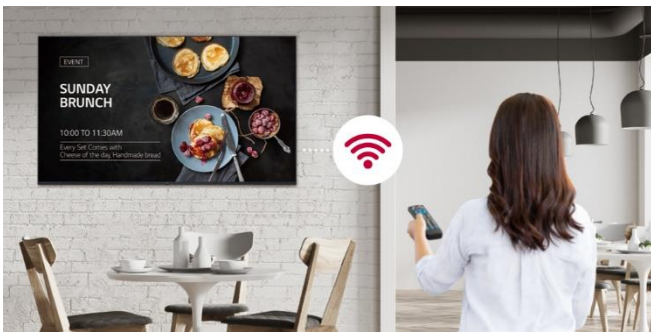


**Remote Monitoring and Control**

This web-based monitoring solution is user-friendly and allows the user to be at ease. It enables the user to have full access anywhere at anytime from their mobile phone & PC under network-accessible environment while having access to both current and past data. It allows the user to monitor the unit, make adjustments and control the unit remotely in real time.

**Built-in Speaker**

Contents will be enriched with sound effects from built-in speakers, without the need for purchasing or installing external speakers.



**Easy Content Distribution & SW Update**

UL3J series features embedded Wi-Fi making it easy to distribute content wirelessly and update Firmware under the same network.

**Wireless Access Point**

UL3J series operates as a virtual router which can be an wireless access point for mobile devices.



### Real-time LG ConnectedCare Service

Maintenance is easy and fast with the optional LG ConnectedCare\* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

\* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.



### EPEAT Registered

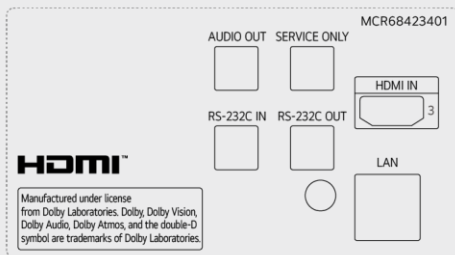
The Electronic Product Environmental Assessment Tool (EPEAT) is a method for several layers of customers to evaluate the effect of a product on the environment. UL3J is EPEAT Bronze-certified\* display which means that it meets all the required criteria in Computers and Displays category.

\* Registered on April, 2021

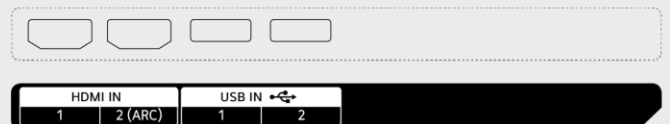
## CONNECTIVITY

55" / 50" / 43"

Rear



Side



	55UL3J-M	50UL3J-M	43UL3J-M
Panel	Screen Size	55"	43"
	Panel Technology	ADS	ADS
	Back Light Type	Direct	Direct
	Aspect Ratio	16 : 9	16 : 9
	Native Resolution	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Refresh Rate	60 Hz	60 Hz
	Brightness	400 nit (Typ.)	300 nit (Typ.)
	Contrast Ratio	1,200 : 1	1,200 : 1
	Dynamic CR	1,000,000 : 1	1,000,000 : 1
	Color Gamut	DCI 80%	DCI 80%
	Viewing Angle (H × V)	178 × 178	178 × 178
	Color Depth	1.07G (8 bits + FRC)	1.07G (8 bits + FRC)
	Response Time	8 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	1%	1%
	Lifetime	30,000 Hrs (Min.)	30,000 Hrs (Min.)
	Operation Hours (Hours/Day)	16 / 7	16 / 7
Portrait / Landscape	Yes / Yes	Yes / Yes	
Connectivity	Input	HDMI (3, HDCP 2.2/1.4), RS-232C In (4 Pin Phone-jack), RJ45 (LAN), USB 2.0 (2, Type A)	
	Output	Audio Out, RS-232C Out (4 Pin Phone-jack)	
Mechanical Specification	Bezel Color	Ashed Blue	Ashed Blue
	Bezel Width	Off : 6.9 mm (T/R/L), 18.4 mm (B) On : 12.8 mm (T/R/L), 19.9 mm (B)	Off : 6.9 mm (T/R/L), 18.4 mm (B) On : 12.8 mm (T/R/L), 19.9 mm (B)
	Weight (Head)	14 kg	8.8 kg
	Packed Weight	18.8 kg	10.9 kg
	Monitor Dimension (W × H × D)	1,235 × 715 × 57.5 mm	967 × 564 × 57.1 mm
	Carton Dimensions (W × H × D) (Box Outer Size)	1,360 × 810 × 162 mm	1,055 × 660 × 142 mm
	VESA™ Standard Mount Interface	300 × 300 mm	200 × 200 mm
Key Feature	Internal Memory (eMMC) 16 GB, Built-in Wi-Fi, Sensor (Temperature Sensor, Auto Brightness Sensor), Local Key Operation (Power On/Off Only), webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Screen Share, Video Tag (4, Max One HDMI Input), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3 <sup>rd</sup> Party Compatibility (Cisco Certi. (TBD, ~ 23.7)), Crestron Inside, Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready), Beacon, HDMI-CEC <sup>1)</sup> , SI Sever Setting, webRTC, ProIdiom		
Environment Conditions	Operation Temperature	0°C to 40°C (Portrait Scene : 0°C to 35°C)	0°C to 40°C (Portrait Scene : 0°C to 35°C)
	Operation Humidity	10% to 80%	10% to 80%
Power	Power Supply	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz
	Power Type	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	105 W / 160 W	80 W / 120 W
	BTU (British Thermal Unit)	358 BTU/Hr (Typ.), 546 BTU/Hr (Max.)	273 BTU/Hr (Typ.), 409 BTU/Hr (Max.)
	Smart Energy Saving (~70%)	73.5 W	56 W
	DPM	0.5 W	0.5 W
	Power Off	0.5 W	0.5 W
Sound	Speaker (Built-in)	Yes (10 W × 2)	Yes (10 W × 2)
Certification	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE	FCC Class "A" / CE
	ErP / Energy Star	Yes (NewErP) / Yes	Yes (NewErP) / Yes
	ePEAT (US Only)	Yes	Yes
Software Compatibility	SuperSign CMS, SuperSign Control+, SuperSign WB, LG ConnectedCare <sup>2)</sup>		
Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Turkish, Arabic, Polski		
Accessory	Basic	Remote Controller, Power Cord, Regulation Book, Phone to D-Sub9 Gender, Cable Holder	

<sup>1)</sup> Compatibility may differ by equipment.

<sup>2)</sup> The availability can differ by region.

\* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.



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